093/030P

Ramkumar Mandalam, et al.

First Named Inventor

Application Number

From-GERON CORP

**DECLARATION FOR UTILITY OR** 

DESIGN

PATENT APPLICATION

(37 CFR 1.63)

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Attorney Docket Number

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Declaration Submitted	OR		ration hitted after Initial	Filing Dat	ө .		March 26, 2	2004		
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		requi		Examiner	Name		to be assign	ied		
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i hereby state that I ha amended by any ame	ave revier ndment s	wed and unde specifically ref	erstand the content: ferred to above.	s of the abo	ove identified	specification	n, including the	claims, as		
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hereby claim foreign	priority	benefits und	er 35 U.S.C. 119(a	a)-(d) or (f)	or 365(b) o	f any foreio	n application(s	s) for patent		
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false statements may jeopardiz	e the validity of t	the application or a	ny paten	it issue	d ther	eon.		<u> </u>			
NAME OF SOLE OR FIRST IN	IVENTOR:		etition h	as bee	n filed	for thi	ร บทรเสท	ned inventor			
Given Name			Politica	Fa	ımily N	lame	o unary	ICU INVOIRUI			
(first and middle [if any])	amkumar	or Surname					Mandalam				
inventor's		-				-	Date				
Signature M. k.	-P						06 MAY 2004				
Residence: City	State	Countr	-			Citizen	nship				
Union City	Cal	lifornia	<u>                                      </u>	US				IN .			
Mailing Address		<del></del>	_								
4344 Pickerel Drive											
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NAME OF SECOND INVENTO	PR:	<del></del>	$I_{I}$	A pet	ition h	as bee	n filed fo	or this unsigned inventor			
Given Name				Fan	nily Ne	me					
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Inventor's Signature				•		<del></del>		Date			
Residence: City	State		Countr	у	•		Citizen	ship			
Daly City California				US	<b>.</b>	j		MA			
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Additional inventors or a legal rep	presentative are being	named on the TWO	supplement	al sheet	(s) PTQ/	/\$B/02A	or 02LR at	ttached hereto.			

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Under the Paperwork Reduction Act of 1895, no persons are required to respond to a collection of information unless it contains a valid OMB control number. ADDITIONAL INVENTOR(S) Attorney Docket No. 093/030P DECLARATION Supplemental Sheet Page Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor Given Name (first and middle (if any) Family Name or Sumame Isabelle Nadeau Inventor's Signature Date San Francisco State California US CN Residence: City Country Citizenship 517 Day Street Mailing Address Mailing Address San Francisco California 94131 US City State Zio Country Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor Given Name (first and middle (if any) Family Name or Sumame Kristina Pfendler-Bonham Date Inventor's Signature South San Francisco California US US Residence: City State Country Citizenship 43B Appian Way Mailing Address Mailing Address South San Francisco California 94080 US City State Country Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor Given Name (first and middle (if any) Family Name or Surname Namitha Rao Inventor's Signature Date San Jose US California IN Residence: City State Country Citizenship 4564 Carrasco Way Mailing Address Mailing Address San Jose California 95135 US

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Name of Addition	onal Joint Inventor, if any:		☐ A pe	etition	has been filed for th	is unsigned in	rventor			
Give	n Name (first and middle (if any)		Family Nar	ne or	Surname		_			
	Melissa K.		Carpenter							
Inventor's Signature						Date				
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City	London	Stat	e Ontario	>	<sub>Zip</sub> N5X 4H3	Country	CA	-		
Name of Additio	nal Joint Inventor, if any:	-	A pe	tition I	has been filed for thi	s unsigned in	ventor			
Giver	Name (first and middle (if any)				Family Name of	r Surname				
	Lakshmi				Rambh	atla				
Inventor's Signature			Date							
Residence: City	Redwood City	State	e Californi	a	Country	JS	Citizenship	, IN		
Mailing Address	624 Dory Lane		· · ·				<del>****</del>			
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City	Redwood City	State	Californ	ia	Zip 94065	Country	US			
Name of Addition	nal Joint Inventor, if any:		☐ A pet	ition h	nas been filed for this	unsigned in	ventor			
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	Choy-Pik				Chiu					
Inventor's Signature			Date							
Residence: City	Cupertino	State	California	a	Country L	IS	Citizenship	US		
Mailing Address	10952 Wilkinson Avenue				·					
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1985, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Attorney Docket Number 093/030P **DECLARATION FOR UTILITY OR** First Named Inventor DESIGN Ramkumar Mandalam, et al. PATENT APPLICATION COMPLETE IF KNOWN (37 CFR 1.63) Application Number 10/810,311 Filing Date Declaration Declaration March 26, 2004 Submitted Submitted after Initial Art Unit With Initial Filing (surcharge to be assigned Filing (37 CFR 1.16 (e)) Examiner Name required) to be assigned I hereby declare that: Each inventor's residence, mailing address, and citizenship are as stated below next to their name. I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled: New Protocols for Making Hepatocytes from Embryonic Stem Cells (Title of the Invention) the specification of which is attached hereto OR 03/26/2004 was filed on (MM/DD/YYYY) as United States Application Number or PCT International Application Number 10/810,311 and was amended on (MM/DD/YYYY) (if applicable). I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application. I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed. Prior Foreign Application Foreign Filing Date **Priority** Certified Copy Attached? Country Number(s) (MM/DD/YYYY) Not Claimed Yes

Prior Foreign Application Number(s)

Country

Foreign Filing Date (MM/DD/YYYY)

Not Claimed

Yes No

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/028 attached hereto.

[Page 1 of 4]

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D	ECLARATION		ADDITIONAL INVENTOR(S) Attorney Docket No. 093/030P Supplemental Sheet  Page 3 of 4						
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	nal Joint Inventor, if any:		7			n filed for this	unsigned in	ventor	
Given	Name (first and middle (if any)		Family Nar	ne or	Surname				
	<u>Isabelle</u>		<u></u>			Nadeat	u .		
Inventor's Signature		<del> </del>	<u>,</u>				Date	_	
Residence: City	San Francisco	State	California	Cou	intry	US	Citizenship	CN	
Mailing Address	517 Day Street								
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City	San Francisco	State	State California Zip 94131 Country US						
Name of Addition	al Joint Inventor, if any:		☐ A pet	tition h	has been	n filed for this L		ventor	
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				P	fendler-Bor	nham			
Inventor's Signature									
Residence: City	South San Francisco	State	California Country			, US	3	Citizenship	US
Mailing Address	43B Appian Way								
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City	South San Francisco	State	Californi	ia	Zip	94080	Country	US	
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	Namitha					Rao			
Inventor's Signature			Date				<del></del>		
Residence: City	San Jose	State	California	a .	Country	US	;	Citizenship	IN
Mailing Address	4564 Carrasco Way								-
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Residence: City

Mailing Address Mailing Address

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Country This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file Inis collection of information is required by 35 U.S.C. 115 and 37 CFR 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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(37 C	FR 1.63)		Application			10/810,	311				
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I hereby declare that:  Each inventor's residence, manual believe the inventor(s) name which a patent is sought on the	ed below to be t	the original and first i					ed and for				
New Protocols for Making Hepatocytes from Embryonic Stem Cells											
(Title of the Invention)											
the specification of which											
is attached hereto											
OR			,								
was filed on (MM/DD/Y	YYY)	03/26/2004	as Unif	led States Ap	plication N	umber or PC	T International				
Application Number 10/	810,311	and was amended	on (MM/E	DAYYY)			(if applicable).				
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Given Name		Ramkuma		<u>.,_</u>	<del></del>		Family N		3 211012	HEG HIVEHILDI
(first and middle [if any])				or Suma			Mandalam			
Inventor's Signature	<u> </u>								·	Date
Residence: City	State			Т	Соцг	itry			Citize	nshin
Union City		California				-	US		*,	IN
Mailing Address								•		
4344 Pickerel Drive			·							•
City	State		,			ZIP				Country
Union City	<u>                                     </u>	Californi	ia				945	87		US
NAME OF SECOND INVENTO	R:					Αç	etition ha	as bee	n filed f	or this unsigned inventor
Given Name (first and middle [if any])		Saadia					amily Na r Surnam			Faouzi
Inventor's Signature			·			. •				Date
Residence: City	State	-		Т	Coun	try	~~~		Citizer	nship
Daly City		California				ŧ	US			MA
Malling Address				<u> </u>			<del>,</del>			
159 St. Francis Boulevard										
City	State			_	$\neg \top$	ZIP			Count	γ
Daly City		California	a				94015			US
Additional inventors or a legal rep	presentative a	re being named or	n ene <u>tw</u>	O_su	ppleme	ntal she	et(s) PTO/	\$B/02A	or 02LR s	nusched hereto.

[Page 2 of 4]

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	DECLARATION		ADDITIO Suppleme	DNA	L INVENTOR(S)	Attorney Do	cket No. 093	/030P		
						Page	_3_ of _4			
Name of Add	litional Joint Inventor, if any:		☐ A pe	tition	has been filed for this	unsigned in	ventor			
	Given Name (first and middle (if any)		Family Name or Sumame							
	Isabelle	-			Nadeau	J	-			
Inventor's Signature	Satelle Maller	æ				Date 05	1704			
Residence: City	San Francisco	State	California	California Country US			CN			
Mailing Address	517 Day Street					·				
Mailing Address					· <del>······</del> ·····························	***				
City	San Francisco	Stat	Californ	ia	Zip 94131	Country	US			
Name of Add	itional Joint Inventor, if any:		☐ A per	itlon I	has been filed for this ,	ınsigned in	ventor			
	Given Name (first and middle (if any)				Family Name or S	Sumame	<del>-</del>			
	Kristina			Pfendler-Bor	nham					
Inventor's Signature			Date							
Residence: City	South San Francisco	Stat	- Californi	a	Country US	3	Citizenship	US		
Mailing Address	43B Appian Way						·			
Mailing Address							<b></b> .			
City	South San Francisco	State	Californ	ia	Zip 94080	Country	us			
Name of Addi	itional Joint Inventor, If any:		☐ A pet	ition h	nas been filed for this u	nsigned inv	rentor			
Ġi	iven Name (first and middle (if any)				Family Name or S	urname				
	Namitha				Rao	•		-		
Inventors Signature			Date	-						
Residence: City	San Jose	State	, California	a	Country US		Citizenship	IN		
Mailing Address	4564 Carrasco Way									
Mailing Address										
City	San Jose	State	Californi	a	Zip 95135	Country	US			

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T-467 P.019/061 F-169

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ADDITIONAL INVENTOR(S) Attorney Docket No. 093/030P

	DECLARATION		Supplemental Sheet Page 4 of 4							
Name of Addit	ional Joint Inventor, if any:	·	☐ A pe	tition	has been filed for thi	s unsigned ir	ventor			
	ven Name (first and middle (if any)		Family Nar		·					
	Melissa K.				Carpe	nter		<u>,</u>		
Inventor's Signature					<del>.</del>	Date				
Residence: City	London	State	e Ontario Country CA Clitzenship US							
Mailing Address	462 Whisker Street						*****			
Mailing Address										
City	London	State	Ontario	)	Zip N5X 4H3	Country	CA			
Name of Additi	ional Joint Inventor, if any:		A petition has been filed for this unsigned inventor							
Giv	en Name (first and middle (if any)				Family Name o	r Sumame				
	Lakshmi				Rambh	atla	7			
Inventor's Signature			Date	•						
Residence: City	Redwood City	State	Californi	a	Country L	JS	Citizenship	IN		
Mailing Address	624 Dory Lane									
Mailing Address										
City	Redwood City	State	Californ	ia	<sub>Zip</sub> 94065	Country	us			
Name of Additi	onal Joint Inventor, if any:		☐ A pet	ition h	as been filed for this	unsigned inv	ventor			
Give	n Name (first and middle (if any)				Family Name or	Sumame				
	Choy-Pik				Chiu					
Inventor's Signature			Date							
Residence: City	Cupertino	State	California	<b>a</b>	Country	IS	Citizenship	US		
Malling Address	10952 Wilkinson Avenue									
Mailing Address										
City	Cupertino	50000	Californi	a I	95014	1	US			

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State of California

### CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

County of San Francisco before me, Kenneth P. Tom personally appeared proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is vare subscribed to the within instrument and acknowledged to me that he her they executed the same in his/her/their authorized capacity(les), and that by his/fer/their signature(s) on the instrument the person(s) or the entity upon behalf of which the person(s) acted, executed the instrument. WITMESS my hand and official seal. OPTIONAL SECTION DESCRIPTION OF ATTACHED DOCUMENT CAPACITY CLAIMED BY SIGNER ENDIVIDUALIS CORPORATE OFFICER(S) TITLE(S) NUMBER OF PAGES PARTNERS: LIMITED **GENERAL** \_attornby-in-fact DATE OF DOCUMENT TRUSTEE(S) GUARDIAN/CONSERVATOR SIGNER(S) OTHER THAN NAMED ABOVE OTHER: SIGNER IS REPRESENTING: NAME OF PERSON(S) OF ENTITY(IES)

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DE	ESIGN		First Named Inventor	Ran	nkumar Mandalam, et al.
	APPLICATIO	)NC	, I	COMPLETE IF	
(37 C	FR 1.63)	ļ	Application Number		10/810,311
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With Initial Filing	Filing (	(surcharge R 1.16 (e))	Art Unit		to be assigned
	require		Examiner Name		to be assigned
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OR was filed on (MM/DD/Y	m _	03/26/2004	as United State:	Application N	lumber or PCT International
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I hereby state that I have revie amended by any amendment I acknowledge the duty to di continuation-in-part applicatio and the national or PCT intern	specifically refe lisclose informations, material info national filing da	erred to above. ation which is mater formation which bec ate of the continuatio	rial to patentability a came available betw on-in-part application	as defined in reen the filing on.	37 CFR 1.56, including for date of the prior application
I hereby claim foreign priority inventor's or plant breeder's r country other than the United application for patent, invento before that of the application of	y benefits unde rights certificate I States of Amer or's or plant bree	er 35 U.S.C. 119(a) e(s), or 365(a) of and rica, listed below and eder's rights certifica	)-(d) or (f), or 365(b ny PCT international nd have also identifie	o) of any foreign application when the opening of any of a	nich designated at least one
Prior Foreign Application Number(s)	Country	Foreign Filling (MM/DD/YY)		riority Claimed	Certified Copy Attached? Yes No
					3/02B attached hereto.

[Page 1 of 4]
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NAME OF SOLE OR FIRST IN	IVENTOR:		ПАр	etition	has be	sen filed	l for thi	s unsigi	ned inventor
Given Name (first and middle [if any])	,	Family Name or Sumame Mandalam					Mandalam		
Inventor's Signature								•	Date
Residence: City	State			Cour	itry			Citizei	nship
Union City	Ca	difornia		US					IN
Mailing Address 4344 Pickerel Drive									
City	State				ZIP			T	Country
Union City		California	<u>a</u>			945	87		US
NAME OF SECOND INVENTO	R:							n filed f	or this unsigned inventor
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Inventor's Signature						,			Date
Residence: City	State			Cour	itry	*		Citizer	nship
Daly City	Ca	lifornia			ι	JS			MA
Mailing Address 159 St. Francis Boulevard							·		· · · · · · ·
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Daly City	(	California				94015	<u>.</u>		US
Additional inventors or a legal re-	presentative are bein	ng named on	the two s	uppleme	ntal she	et(s) PTO	/SB/02A	or 02LR a	attached hereto.

[Page 2 of 4]

PTO/SB/02A (08-03)

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This collection of information is required by 35 U.S.C. 119 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burgen, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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95014

Country

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Attorney Docket Number 093/030P DECLARATION FOR UTILITY OR First Named Inventor DESIGN Ramkumar Mandalam, et al. PATENT APPLICATION COMPLETE IF KNOWN (37 CFR 1.63) Application Number 10/810.311 Filing Date Declaration Declaration March 26, 2004 ΩR Submitted Submitted after Initial Art Unit With Initial Filing (surcharge to be assigned Filing (37 ČFR 1.16 (e)) Examiner Name required) to be assigned I hereby declare that: Each inventor's residence, mailing address, and citizenship are as stated below next to their name. I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled: New Protocols for Making Hepatocytes from Embryonic Stem Cells (Title of the Invention) the specification of which is attached hereto 03/26/2004 was filed on (MM/DD/YYYY) as United States Application Number or PCT International 10/810,311 Application Number and was amended on (MM/DD/YYYY) (if applicable). I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application. I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed. Prior Foreign Application Foreign Filing Date Priority Certified Copy Attached? Number(s) Country (MM/DD/YYYY) Not Claimed Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 4] [Page 1 or 4]
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[Page 2 of 4]

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DECLARATION	ADDITIONAL INVENTOR(S) Attorney Docket No. 093/030P Supplemental Sheet Page 4 of 4							
Name of Additional Joint Inventor, if any:		□ Ane	tition [	has been	filed for this o		· antas	
Given Name (first and middle (if any)		Family Nan				Tueiànea "	ventor	<u> </u>
Melissa K.		Fulling 1va.	115 14	Sulleite	Carpente	<del></del>		
Inventor's Signature						Date		
Residence: City London	State	Ontario	Cou	intry	CA :	Citizenship	US	
Mailing Address 462 Whisker Street								
Mailing Address						-··- <u></u>		
City London	State	Ontario	)	Zip 1	N5X 4H3	Country	CA	
Name of Additional Joint Inventor, if any:	· 	☐ A pel	lition h	has been	filed for this u		entor	
Given Name (first and middle (if any)				Fam	illy Name or S	Surname		
Lakshmi				_	Rambhat	ia		
Inventor's Signature		Date					•	
Residence: City Redwood City	State	California	a	Country	US	3	Citizenship	IN
Mailing Address 624 Dory Lane					<u>-</u>	·		
Mailing Address								
City Redwood City	State	Californi	ia	Zip	94065	Country	US	
Name of Additional Joint Inventor, if any:		☐ A pet	ition h	ıas been 1	filed for this u	nsigned inv	entor	
Given Name (first and middle (if any)				Famil	ly Name or Su	urname		
Choy-Pik					Chiu			
Inventor's Signature		Date						
Residence: City Cupertino	State	California	3 ,	Country	US	;	Citizenship	US
Mailing Address 10952 Wilkinson Avenue							***	
Mailing Address				<del>*</del>				
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F-169

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Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

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Additional inventors or a legal rep	resentative are bein	g named on the	two s	uppleme	ntal s	heet(s) PTD	/SB/02A	or 02LR a	ttached hereto.

[Page 2 of 4]

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	Attorne	Docket Number		93/030P					
DECLARATION FOR UTILITY DESIGN	OR First Na	med Inventor		Mandalam, et al.					
PATENT APPLICATION		CC	MPLETE IF KNOWN	·					
(37 CFR 1.63)	Applica	tion Number	10/	B10,311					
Declaration Declaration	Filing D	ate	March	26, 2004					
Submitted OR Submitted aff With Initial Filing (surcha	arge AR Onk			assigned					
Filing (37 CFR 1.18 required)	Examin	er Name	to be	assigned					
I hereby declare that:  Each inventor's residence, mailing address, and citizenship are as stated below next to their name.  I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:  New Protocols for Making Hepatocytes from Embryonic Stem Cells									
the specification of which	(Title of the Invention	n)		<del></del>					
is attached hereto									
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was filed on (MM/DD/YYYY) 03/2	6/2004 as t	Jnited States Ap	pplication Number of	r PCT International					
Application Number 10/810,311 and	was amended on (Mi	M/DD/YYYY)		(if applicable).					
I hereby state that I have reviewed and understand amended by any amendment specifically referred t	f the contents of the a	bove identified	specification, includ	ing the claims, as					
I acknowledge the duty to disclose information v continuation-in-part applications, material informat and the national or PCT international filing date of	vhich is material to p tion which became av the continuation-in-pa	ailable between it application.	the filing date of t	the prior application					
I hereby claim foreign priority benefits under 35 inventor's or plant breeder's rights certificate(s), or country other than the United States of America, li application for patent, inventor's or plant breeder's before that of the application on which priority is cla	r 365(a) of any PCT i sted below and have rights certificate(s), o aimed.	nternational ap also identified b r any PCT inter	olication which desi below, by checking national application	ignated at least one the box, any foreign having a filing date					
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	DECLARATION		ADDITIO Suppleme	MAI Intal S	L INVE	NTOR(S)		cket No. 093/ 3 of4	
Name of Additi	onal Joint Inventor, if any:		A pe	tition	has bee	n filed for this t	unsigned in	ventor	
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Residence: City	San Francisco	State	California	Cou	intry	us	Citizenship	CN	
Mailing Address	517 Day Street	· · · · · · · · · · · · · · · · · · ·							
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City	San Francisco	State	Californ	ia	Zip	94131	Country	US	
Name of Addition	onal Joint Inventor, if any:		☐ A pe	lition I	has beer	n filed for this u	insigned inv	entor	
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City	South San Francisco	State	Californ	ia	Zip	94080	Country	US	
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DECLARATION FO		Attorney Docket Number	r   ' ''	030P					
DECLARATION FO		First Named Inventor	<del></del>	landalam, et al.					
PATENT APPL	ICATION	COMPLETE IF KNOWN							
(37 CFR 1	i <b>.63</b> )	Application Number	10/81	0,311					
Declaration	Declaration	Filing Date	March 2	<u> </u>					
Submitted OR L With Initial	☐ Submitted after Initial Filing (surcharge	Art Unit	to be as	· · · · · · · · · · · · · · · · · · ·					
Filing	(37 CFR 1.16 (e)) required)	Examiner Name	to be as						
hereby declare that:  Each inventor's residence, mailing address, and citizenship are as stated below next to their name.  believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:  New Protocols for Making Hepatocytes from Embryonic Stem Cells  (Title of the Invention)									
the specification of which	(110e ar g	ne invention)							
is attached hereto									
OR									
was filed on (MM/DD/YYYY)	03/26/2004	as United States A	pplication Number or F	CT International					
Application Number 10/810,	311 and was amend	ded on (MM/DD/YYYY)		(if applicable).					
I hereby state that I have reviewed amended by any amendment speci	and understand the conten fically referred to above.	nts of the above identified	specification, including	g the claims, as					
I acknowledge the duty to disclos continuation-in-part applications, m and the national or PCT internation	aterial information which ball filing date of the continuation	became available betwee ation-in-part application.	n the filing date of the	prior application					
I hereby claim foreign priority ben- inventor's or plant breeder's rights country other than the United State application for patent, inventor's or before that of the application on whi	certificate(s), or 365(a) of a soft America, listed below plant breeder's rights certifich priority is claimed.	any PCT international ap and have also identified t ficate(s), or any PCT inter	plication which design below, by checking the mational application ha	ated at least one box, any foreign aving a filing date					
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[Page 1 of 4]
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NAME OF SOLE OR FIRST IN	IVENTOR:	$\bigcap_{A \triangleright}$	etition h	as beer	↑ filed	l for th	is unsiar	ned inventor	
Given Name			-		mily N			100 1111011111	
(first and middle [if any])	Ramkumar			or	Surna	me		Mandalam	
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Inventor's								Date	
Signature						•			
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Given Name (first and middle [if any])	Saadia				tily Na			Faouzi	
(dist also middle [it aliy])	Outula			1013	uman	ne		r avuzi	
Inventor's								Date	
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[Page 2 of 4]

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ADDITIONAL INVENTIONS: Aroman Docket No. 08279000

	Supplemental Sheet Page 3 of 4							
Name of Addition	onal Joint Inventor, if any:		☐ A p∉	etition	has been filed for this	unsigned in	ventor	_
	en Name (first and middle (if any)		Family Nar		<del></del>			
	Isabelle				Nadea	ш		_
Inventor's Signature						Date		
Residence: City	San Francisco	State	California	Cor	untry US	Citizenship	CN	
Mailing Address	517 Day Street							
Mailing Address								
City	San Francisco	State	Californ	ia	<sub>zip</sub> 94131	Country.	us	
Name of Additio	onal Joint Inventor, if any:		☐ A pe	tition	has been filed for this	unsigned in	ventor	
Give	n Name (first and middle (if any)				Family Name or	Sumame		
	Kristina		Pfendler-Bonham					
Inventor's Signature			Date					
Residence: City	South San Francisco	State	Californi	а	Country US	3	Citizenship U	S
Mailing Address	43B Appian Way							
Mailing Address							,	
City	South San Francisco	State	Californ	ia	Zip 94080	Country	US	
Name of Additio	nal Joint Inventor, if any:		☐ A pet	ition t	has been filed for this u	Insigned Inv	/entor	
Given	Name (first and middle (if any)				Family Name or S	umame		
	Namitha				Rao			
inventor's Signature		, .	Date					
Residence: City	San Jose	State	California	a	Country US	;	Citizenship IN	,
Mailing Address	4564 Carrasco Way							
Mailing Address								_
City	San Jose	State	Californi	a	Zip 95135	Country	US	

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will very depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Office, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. ADDITIONAL INVENTOR(S) Anomey Docket No. 093/030P DECLARATION Supplemental Sheet Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor Given Name (first and middle (if any) Family Name or Surname Melissa K. Carpenter Inventors Signature Date London Ontario Residence: City CA US State Country Citizenship 462 Whisker Street Mailing Address Malling Address London Ontario N5X 4H3 CA City State Country Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor Given Name (first and middle (if any) Family Name or Surname Lakshmi Rambhatla Date Inventor's Signature California US Redwood City IN Residence: City State Country Citizenship 624 Dory Lane Mailing Address Mailing Address Redwood City California 94065 US City State Zip Country Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor Given Name (first and middle (if any) Family Name or Surname Choy-Pik Chiu 1 Inventor's 5/6/04 Signature Date Cupertino California US State Residence: City Country Citizenship 10952 Wilkinson Avenue Mailing Address

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Attorney Docket No. 093/030P

#### STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Geron Corporation

Application No./Patent No.: 10/810,311

Filing Date: March 26, 2004

Entitled: NEW PROTOCOLS FOR MAKING HEPATOCYTES FROM

EMBRYONIC STEM CELLS

GERON CORPORATION, a corporation, states that it is the assignee of the entire right, title, and interest in the patent application/patent identified above by virtue of:

An assignment from the inventors of the above-referenced patent application, a true copy of which is attached hereto.

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

Nov. 4, 2004.

David J. Earp, Registration No. 41,401

Typed or Printed Name

Chief Patent Counsel
Title

Whereas we, Ramkumar Mandalam, Saadia Faouzi, Isabelle Nadeau, Kristina Pfendler-Bonham, Namitha Rao, Melissa K. Carpenter, Lakshmi Rambhatla, Choy-Pik Chiu

executed employment agreements with Geron Corporation (hereinafter called Geron), a Delaware Corporation having its principal place of business at 230 Constitution Drive, Menlo Park, CA 94025, whereby we have agreed to assign to Geron all inventions (except as otherwise limited by law) which relate to Geron business and which were first conceived or actually reduced to practice during our employment by Geron;

Now, therefor, pursuant to the terms of said employment agreements and for good and valuable consideration, receipt of which is hereby acknowledged, we do hereby sell, assign and transfer unto Geron, its successors and assigns, the entire right, title and interest, including the right of priority in, to and under an application for Letters Patent of the United States entitled:

#### NEW PROTOCOLS FOR MAKING HEPATOCYTES FROM EMBRYONIC STEM CELLS

Serial No. 10/810,311 filed on March 26, 2004 and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor:

And for the above consideration, we agree promptly upon request of Geron, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to Geron, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me in lending such cooperation and assistance are paid by Geron.

In witness whereof, we hereunto set our hands and seal:

Inventor's Signature:	M. G. hali	Date: 10/27/04	
	Ramkumar Mandalam		
Inventor's Signature:		Date:	
-	Saadia Faouzi	N (SI I N II I N I I N I I N I I N I I N I I N I I N I I N I I N I I N I I N I I N I I N I I N I I N I I N I I	

PATENT Docket No.: 093/030P, 093/031X

Inventor's Signature:	Isabelle Nadeau	Date:	w.t
Inventor's Signature:	Kristina Pfendler-Bonham	Date:	<del></del>
Inventor's Signature:	Namitha Rao	Date:	
Inventor's Signature:	Melissa K. Carpenter	Date:	-
Inventor's Signature:	R Lo ho L Lakshmi Rambhatla	Date: 5-6-00	<u> </u>
Inventor's Signature:	Choy-Pik Chiu	Date:	······································

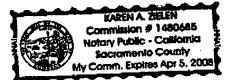
	PATENT
Docket No.:	093/030P, 093/031X

State of California

County of San Mateo

before me, Karen A. Zielen, Notary Public personally appeared personally known to me (or proved to me on the basis of satisfactory

evidence)to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument, executed the instrument.



Laren ann zielen

State of California

County of San Mateo

Lakshmi Rambhatla

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Laren a. Zielen

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Inventor's Signature:		Date:	
	Ramkumar Mandalam		* <del>*** * * * * * * * * * * * *</del>
Inventor's Signature:	Saagua Faouzi	Date: 05/04/04	1 50 00 0 1 0 3 7 9 3m 0 na tan'

	PATENT
Docket No.:	093/030P, 093/031X

Inventor's Signature:	Isabelle Nadeau	Date:	7) - See (Marrie 1934) 14 (FE (S) 13 (Marrie 1934)
Inventor's Signature:	Kristina Pfendler-Bonham	Date:	
Inventor's Signature:	Namitha Rao	Date:	<del></del>
Inventor's Signature:	Melissa K. Carpenter	Date:	
Inventor's Signature:	Lakshmi Rambhatla	Date:	<b>78</b> 1 178 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Inventor's		Date:	

Choy-Pik Chiu

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### **CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

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Whereas we, Ramkumar Mandalam, Saadia Faoozi, Isabelle Nadeau, Kristina Pfendler-Bonham, Namitha Rao, Melissa K. Carpenter, Lakshmi Rambhatla, Choy-Pik Chiu

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Inventor's Signature:		Date:	
·	Ramkumar Mandalam	HANNING BELLEVIN MANAGE AND MANAG	
Inventor's		Date:	
Signature:	Saadia Faouzi		**************************************

PATENT

Docket No.: 093/030P, 093/031X

Inventor's Signature:	Asabelle Nadeau	Date: 05/704	/
Inventor's Signature:	Kristina Pfendler-Bonham	Date:	
Inventor's Signature:	Namitha Rao	Date:	· · · · · · · · · · · · · · · · · · ·
Inventor's Signature:	Melissa K. Carpenter	Date:	
Inventor's Signature:	Lakshmi Rambhatla	Date:	
Inventor's Signature:	Choy-Pik Chiu	Date:	n an en

## CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

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TITLE(S)
PARTNERS:LIMITEDGENERAL
ATTORNEY-IN-FACT
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TRUSTEE(S)
TRUSTEE(S) GUARDIAN/CONSERVATOR

#### ASSIGNMENT

Whereas we, Ramkumar Mandalam, Saadia Faouzi, Isabelle Nadeau, Kristina Pfendler-Bonham, Namitha Rao, Melissa K. Carpenter, Lakshmi Rambhatla, Choy-Pik Chiu

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Inventor's Signature:	Dat	<b>e</b> :
-	Ramkumar Mandalam	
Inventor's	Dat	e:
Signature:	Saadia Faouzi	·

Docket No.: 093/030P, 093/031X

Inventor's Signature:		Date:
	Isabelle Nadeau	
Inventor's Signature:	Kristina Pfendler-Bonham	Date: 5/11/04
<b>T</b>		Davis
Inventor's Signature:	Namitha Rao	Date:
Inventor's		Date:
Signature:	Melissa K. Carpenter	
Inventor's Signature:	• • •	Date:
	Lakshmi Rambhatla	
Inventor's Signature:		Date:
	Choy-Pik Chiu	

SUBSCRIBED AND SWORN TO BEFORE ME
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BY KALSTINA BONDOM
HOTARY PUBLIC



Page 2 of 2



Whereas we, Ramkumar Mandalam, Saadia Faouzi, Isabelle Nadeau, Kristina Pfendler-Bonham, Namitha Rao, Melissa K. Carpenter, Lakshmi Rambhatla, Choy-Pik Chiu

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Inventor's Signature:	Date:		
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Inventor's		Date:	•
Signature:	Saadia Faouzi	111 artialti   11166 FA	<del></del>

PATENT Docket No.: 093/030P, 093/031X

Inventor's Signature:		Date:
	Isabelle Nadeau	
Inventor's Signature:	Kristina Pfendler-Bonham	Date:
Inventor's Signature:	Nametra Rao Su attached done	Date: 5/10/04
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Inventor's Signature:		Date:
	Melissa K. Carpenter	
Inventor's Signature:		Date:
•	Lakshmi Rambhatla	•
Inventor's Signature:	•	Date:
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	personally known to me proved to me on the basis of satisfactory evidence
RATHLEEN OCONNELL Commission # 1387 634	to be the person(s) whose name(s) is/are- subscribed to the within instrument and acknowledged to me that be/she/they executed the same in bis/her/their authorized
Notary Public - California E Santa Clera County 7 My Comm. Expires Aug 4, 2006	capacity(ise), and that by bis/he//their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
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Signer(s) Other Than Named Above: J. Nada. L. Ramb. Capacity(ies) Claimed by Signer Signer's Name: Hamitha Ras	aw. K. Pfinder-Borden M. Corp hatta, C-Pik Chew
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Signer(s) Other Than Named Above: J. Nada. L. Ramb. Capacity(ies) Claimed by Signer Signer's Name: Manutha Ras	aw. K. Pfinder-Borden M. Corp hatta, C-Pik Chew
Signer(s) Other Than Named Above: J. Nada. L. Ramb. Capacity(ies) Claimed by Signer Signer's Name: Hamitha Ras	

Whereas we, Ramkumar Mandalam, Saadia Faouzi, Isabelle Nadeau, Kristina Pfendler-Bonham, Namitha Rao, Melissa K. Carpenter, Lakshmi Rambhatla, Choy-Pik Chiu

executed employment agreements with Geron Corporation (hereinafter called Geron), a Delaware Corporation having its principal place of business at 230 Constitution Drive, Menlo Park, CA 94025, whereby we have agreed to assign to Geron all inventions (except as otherwise limited by law) which relate to Geron business and which were first conceived or actually reduced to practice during our employment by Geron;

Now, therefor, pursuant to the terms of said employment agreements and for good and valuable consideration, receipt of which is hereby acknowledged, we do hereby sell, assign and transfer unto Geron, its successors and assigns, the entire right, title and interest, including the right of priority in, to and under an application for Letters Patent of the United States entitled:

#### NEW PROTOCOLS FOR MAKING HEPATOCYTES FROM EMBRYONIC STEM CELLS

Serial No. 10/810,311 filed on March 26, 2004 and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor:

And for the above consideration, we agree promptly upon request of Geron, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to Geron, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me in lending such cooperation and assistance are paid by Geron.

Inventor's Signature:		Date:	
	Ramkumar Mandalam		
Inventor's Signature:		Date:	
orginature.	Saadia Faouzi		. 3 - 4

PATENT Docket No.: 093/030P, 093/031X

Inventor's Signature:	Date:		
	Isabelle Nadeau		
Inventor's Signature:		Date:	····
÷	Kristina Pfendler-Bonham		
Inventor's Signature:	Namitha Rao	Date:	
Inventor's Signature:	Melissa K. Carpenter	Date: 4/9/04	
Inventor's Signature;	Melissa K. Carpenter Witnesdley foron N.V. Borrister Schrister	Date:	*Li <del>ona supa nato napin</del> a
	Lakshmi Rambhatla		
Inventor's Signature:	Chov-Pik Chin	Date:	

I, Jason H. Voss, witnessed the signature of Melissa K. Carpenter, on an Assignment, Docket No.: 093/030P, 093/031X (Patent) on this 9<sup>th</sup> day of June, 2004. There were no other signatures present on the document.

Jason H. Voss

Barrister and Solicitor

**Notary Public** 

ut'

Whereas we, Ramkumar Mandalam, Saadia Faouzi, Isabelle Nadeau, Kristina Pfendler-Bonham, Namitha Rao, Melissa K. Carpenter, Lakshmi Rambhatla, Choy-Pik Chiu

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Inventor's Signature:	Date:		
	Ramkumar Mandalam		THE PROPERTY OF THE PROPERTY O
Inventor's		Date:	
Signature:	Saadia Faouzi		**************************************

PATENT

Docket No.: 093/030P, 093/031X

Inventor's Signature:		Date:	
	Isabelle Nadeau	*POTES CORPORATE FRANCISCO (CENTRAL PROPERTY IN THE STATE OF THE STATE	***********
Inventor's Signature:		Date:	
	Kristina Pfendler-Bonham	THE HISSET TO THE PARTY OF THE	
Inventor's Signature:		Date:	
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Inventor's Signature:		Date:	
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Inventor's Signature:		Date:	
	Lakshmi Rambhatla	districts and the second of th	
ínventor's Signature;	Chin Choy Pike	Date: 5/6/04	
aignature;	Choy-Pik Chiu		M=1 WROOM

GERON CORPORATION 230 Constitution Drive Menlo Park, CA 94025 Phone: (650) 473-7700 Fax: (650) 473-8654

Facsimile Transmittal Sheet

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Attorney Docket 093/030P